



Lyden Oil Company

ProGuard

Product Information

ProGuardNatural Gas Engine Oil LA

ProGuard Natural Gas Engine Oil LA is a low ash natural gas engine oil formulated to provide exceptional control of deposits, wear, oil oxidation and oil nitration. It is capable of extended oil drain intervals and has demonstrated engine cleanup properties in field trials.

ProGuard Natural Gas Engine Oil LA is designed for high output, highly turbocharged gas engines. It can be used in applications requiring a low ash natural gas engine oil, which include pipeline transmission, gas gathering, and power generation. It meets the catalyst manufacturers' guidelines of less than 300 ppm phosphorus.

ProGuardNatural Gas Engine Oil LA is suitable for use in the following:

- Waukesha Cogen
- Certain Wartsila models
- Dresser-Rand category II, III
- API CF performance
- Certain Caterpillar models
- MWM Deutz
- MAN Co-gen
- Many Jenbacher models

Typical Properties

ProGuard Natural Gas Engine Oil LA	30	40	15W-40
Viscosity, ASTM D-445			
cSt. at 40° C	90.1	137	102
cSt. at 100° C	10.6	14.1	13.4
Viscosity Index	100	100	130
Flash Point, ° C (° F), ASTM D-92	232 (450)	254 (460)	227 (440)
Pour Point, ° C (° F), ASTM D-5950	-15 (5)	-12 (10)	-29 (-20)
Specific Gravity at 15.6 °C, ASTM D-1298	0.862	0.868	0.868
Density, lbs/gal at 15.6°C	7.18	7.23	7.23
Total Base Number, mg KOH/g	5.1	5.1	5.1
Phosphorus, ppm	280	280	280
Sulfated Ash, wt %	0.45	0.45	0.45

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